

PTO-1449 (Modified) 4/14/01	ATTY. DOCKET NO. C1041/7005	SERIAL NO.
	APPLICANT: Lipford, et al.	
	FILING DATE July 23, 1999	GROUP

U.S. PATENT DOCUMENTS

Exam Init	Ref Des	Document No.	Date	Name	Class	Sub Class	FILING DATE If Appropriate
83	A1	3,906,092	09/16/19	Hilleman et al.	424	89	
	A2	5,248,670	09/28/93	Draper et al.	514	44	
	A3	5,585,479	12/17/96	Hoke et al.	536	24.5	
	A4	5,328,987	07/12/94	Maliszewski	530	350	
	A5	5,663,153	09/02/97	Hutcherson et al.	514	44	
✓	A6	5,849,719	12/15/98	Carson et al.	514	44	10/04/96

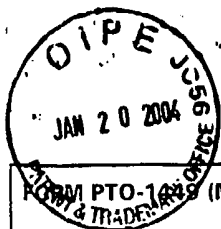
FOREIGN PATENT DOCUMENTS

		Country & Doc. No. (11)	Pub. Date (43)		Class	Sub Class	Translation Yes No	
83	B1	EP 0 468 520 A3	01/29/92	EPO	A61K	31/70		
	B2	EP 0 302 758 A1	03/16/94	EPO	C12N	15/37		
	B3	WO 91/12811	09/05/91	PCT	A61K	31/70		
	B4	WO 92/03456	03/05/92	PCT	C07H	15/12		
	B5	WO 92/18522	10/29/92	PCT	C07H	21/00		
	B6	WO 92/21353	12/10/92	PCT	A61K	31/70		
	B7	WO 94/19945	09/15/94	PCT	A01N	43/04		
	B8	WO 95/05853	03/02/95	PCT	A61K	48/00		
	B9	WO 95/26204	10/05/95	PCT	A61K	48/00		
	B10	WO 96/02555	02/01/96	PCT	C07H	21/00		
	B11	WO 96/35782	11/14/96	PCT	C12N	15/11		
	B12	WO 98/14210	04/09/98	PCT	A61K	39/35		
	B13	WO 98/18810	05/07/98	PCT	C07H	21/00		
	B14	WO 98/37919	09/03/98	PCT	A61K	49/00		
	B15	WO 98/40100	09/17/98	PCT	A61K	39/39		
	B16	WO 98/52581	11/26/98	PCT	A61K	35/00		
✓	B17	PCT/EP98/00367	08/07/98	International Search Report				

OTHER ART

(Including Author, Title, Date, Pertinent Pages, Publication, Etc.)

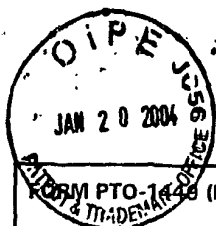
83	C1	Adya N et al., Expansion of CREB's DNA recognition specificity by Tax results from interaction with Ala-Ala-Arg at positions 282-284 near the conserved DNA-binding domain of CREB. <i>Proc Natl Acad Sci USA</i> 91(12):5642-6, 7 Jun 1994.
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	C3	Arias J et al., Activation of cAMP and mitogen responsive genes relies on a common nuclear factor. <i>Nature</i> 370:226-9, 21 Jul 1994.
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83	C6	Azuma I et al., Biochemical and immunological studies on cellular components of tubercle bacilli. <i>Kekkaku</i> 67(9):625-631, 1992.	
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	C8	Briskin M et al., Lipopolysaccharide-unresponsive mutant pre-B-cell lines blocked in NF-kappa B activation. <i>Mol Cell Biol</i> 10(1):422-5, Jan 1990.	
	C9	Crosby SD et al., The early response gene NGFI-C encodes a zinc finger transcriptional activator and is a member of the GCGGGGGCG (GSG) element-binding protein family. <i>Mol Cell Biol</i> 11(8):3835-41, Aug 1991.	
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	C15	Gray GD et al., Antisense DNA inhibition of tumor growth induced by c-Ha-ras oncogene in nude mice. <i>Cancer Res</i> 53(3):577-80, 1 Feb 1993.	
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	C18	Huang D et al., Promoter activity of the proliferating-cell nuclear antigen gene is associated with inducible CRE-binding proteins in interleukin 2-stimulated T lymphocytes. <i>Mol Cell Biol</i> 14(6):4233-43, Jun 1994.	
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	C20	Kataoka T et al., Antitumor activity of synthetic oligonucleotides with sequences from cDNA encoding proteins of <i>Mycobacterium bovis</i> BCG. <i>Jpn J Cancer Res</i> 83(3):244-7, Mar 1992.	
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		FILING DATE July 22, 1999	GROUP 1635
83	C29	Krieg AM et al., CpG motifs in bacterial DNA trigger direct B-cell activation. <i>Nature</i> 374:546-9, 6 Apr 1995.	
	C30	Krieg AM et al., Oligodeoxynucleotide modifications determine the magnitude of B cell stimulation by CpG motifs. <i>Antisense Nucleic Acid Drug Dev</i> 6(2):133-9, Summer 1996.	
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	C36	Liu F and Green MR, Promoter targeting by adenovirus E1a through interaction with different cellular DNA-binding domains. <i>Nature</i> 368:520-5, 7 Apr 1994.	
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	C42	Peterson, M., et al., Transcription Factors: A New Frontier in Pharmaceutical Development, <i>Bio Pharm</i> , 47:1:127-128	
	C43	Pisetsky DS and Reich CF, Stimulation of murine lymphocyte proliferation by a phosphorothioate oligonucleotide with antisense activity for herpes simplex virus. <i>Life Sci</i> 54(2):101-7, 1994.	
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	C47	Schnell N and Entian KD, Identification and characterization of a <i>Saccharomyces cerevisiae</i> gene (PAR1) conferring resistance to iron chelators. <i>Eur J Biochem</i> 200(2):487-93, 1 Sep 1991.	
	C48	Stein CA and Cohen JS, Oligodeoxynucleotides as inhibitors of gene expression: a review. <i>Cancer Res</i> 48(10):2659-68, 15 May 1988.	
	C49	Stull RA and Szoka FC Jr, Antigene, ribozyme and aptamer nucleic acid drugs: progress and prospects. <i>Pharm Res</i> 12(4):465-83, Apr 1995.	
✓	C50	Tanaka T et al., An antisense oligonucleotide complementary to a sequence in I gamma 2b increases gamma 2b germline transcripts, stimulates B cell DNA synthesis, and inhibits immunoglobulin secretion. <i>J Exp Med</i> 175(2):597-607, Feb 1992.	

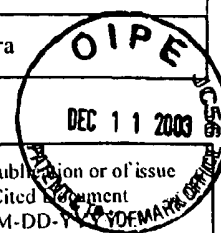


FORM PTO-1448 (Modified)		ATTY. DOCKET NO. C1041/7005	SERIAL NO. 09/355,254
LIST OF PATENTS AND PUBLICATIONS FOR APPLICANT'S INFORMATION DISCLOSURE STATEMENT		APPLICANT: Lipford, et al.	
		FILING DATE July 22, 1999	GROUP 1635
83	C51	Tokunaga T et al., Synthetic oligonucleotides with particular base sequences from the cDNA encoding proteins of <i>Mycobacterium bovis</i> BCG induce interferons and activate natural killer cells. <i>Microbiol Immunol</i> 36(1):55-66, 1992.	
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	C53	Uhlmann E and Peyman A, Antisense oligonucleotides: a new therapeutic principle. <i>Chem Rev</i> 90(4):543-84, Jun 1990.	
	C54	Wagner RW, Gene inhibition using antisense oligodeoxynucleotides. <i>Nature</i> 372(6504):333-5, 24 Nov 1994.	
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	C56	Weiss R, Upping the antisense ante: scientists bet on profits from reverse genetics. <i>Science News</i> 139:108-109, 16 Feb 1991.	
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	C58	Wu-Pong S, Oligonucleotides: opportunities for drug therapy and research. <i>Pharm Technol</i> 18:102-114, Oct 1994.	
	C59	Xie H et al., Induction of CREB activity via the surface Ig receptor of B cells. <i>J Immunol</i> 151(2):880-9, 15 Jul 1993.	
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	C66	Yi AK et al., Rapid immune activation by CpG motifs in bacterial DNA. Systemic induction of IL-6 transcription through an antioxidant-sensitive pathway. <i>J Immunol</i> 157(12):5394-402, 15 Dec 1996.	
	C67	Zhao Q et al., Comparison of cellular binding and uptake of antisense phosphodiester, phosphorothioate, and mixed phosphorothioate and methylphosphonate oligonucleotides. <i>Antisense Res Dev</i> 3(1):53-66, Spring 1993.	
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Examiner 83		Date Considered 8-11-04	

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FORM PTO-1449/A and B (Modified) INFORMATION DISCLOSURE STATEMENT BY APPLICANT	APPLICATION NO.: 09/355,254	ATTY. DOCKET NO.: C1041.70005US00
	FILING DATE: February 22, 2000	CONFIRMATION NO.: 6183
	APPLICANT: Wagner et al.	
	GROUP ART UNIT: 1635	EXAMINER: Jane J. Zara

Sheet 1 of 1



U.S. PATENT DOCUMENTS

Examiner's Initials	Cite No.	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication or of issue of Cited Document MM-DD-YY
		Number	Kind Code		
JZ	A16	2003/0055014	A1	Bratzler	03-20-2002
	A17	2002/0064515	A1	Krieg et al.	05-30-2002
	A18	2002/0091097	A1	Bratzler et al.	07-11-2002
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Examiner's Initials	Cite No.	Foreign Patent Document			Name of Patentee or Applicant of Cited Document (not necessary)	Date of Publication of Cited Document MM-DD-YYYY	Translation (Y/N)
		Office/ Country	Number	Kind Code			
JZ	B32	WO	02/069369	A2		09-06-2002	

EXAMINER: <i>JZ</i>	DATE CONSIDERED: 8/11/04
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